



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Monday, August 03, 2015

Issued: 0800 CT

***Day 1 Hazards: A few strong to severe storms over NE NM, TX/OK panhandles, W OK.***

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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817-978-1100 x 147

# Key Points



## Today

- A few strong to severe storms over NE NM, TX/OK panhandles, W OK
  - Damaging winds/hail and isolated areas of heavy rain/flash flooding

## Tuesday - Friday

- Excessive Heat returns for the Eastern half of the Region by Wednesday and continues into Thursday/Friday
- Increased chances for showers and thunderstorms over NM and TX/OK panhandles by Friday may lead to isolated areas of flash flooding






## Tropical Outlook

- A weak area of low pressure near the Big Bend of FL is producing disorganized thunderstorms. Tropical cyclone formation chances are low...around 10 percent through the next 5 days.

# \*FEMA Region 6 Threat Matrix

Aug 3, 2015 - Aug 7, 2015

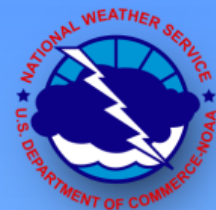
DAY/ THREAT	MON	TUE	WED	THU	FRI
Severe Weather	NE NM, TX/OK panhandles, W OK	TX/OK Panhandles	E OK/AR		
Heavy Rain /Flash Flooding	NE NM, TX/OK panhandles, W OK				NE NM, TX/OK panhandles
Heat			Eastern half of Region	→	
Tropical					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).*



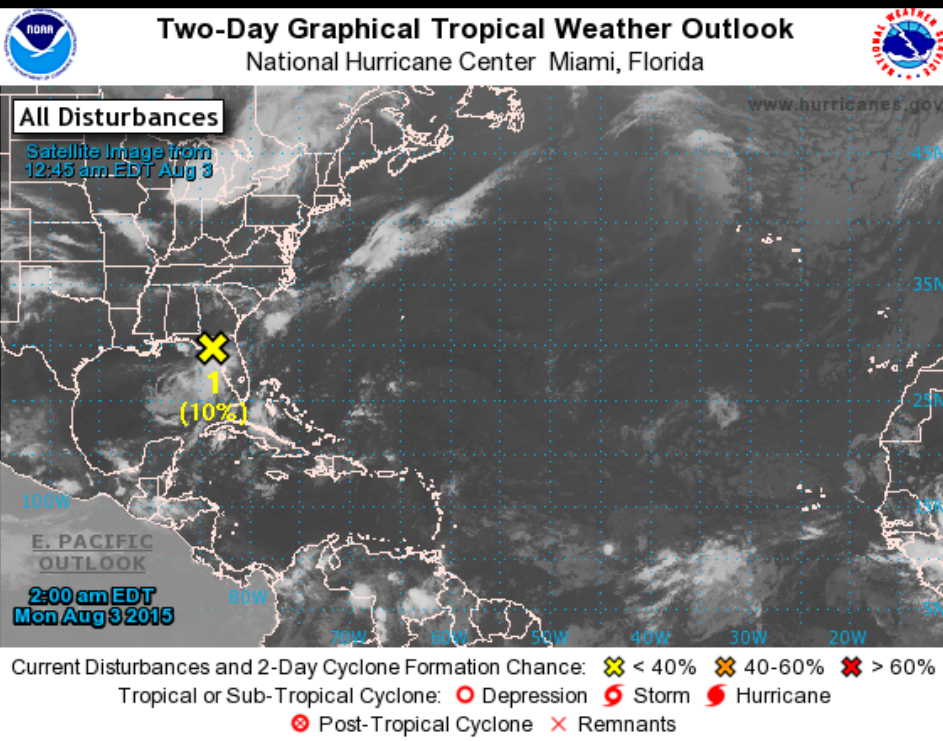
**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**



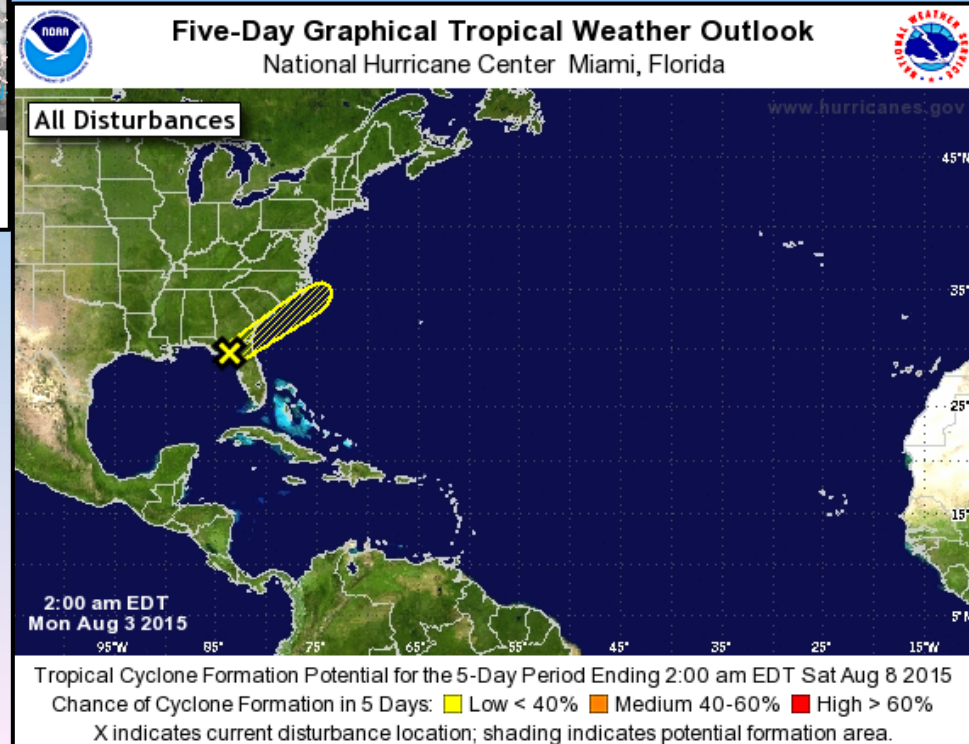
**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

# Atlantic/Gulf Tropical Weather Outlook

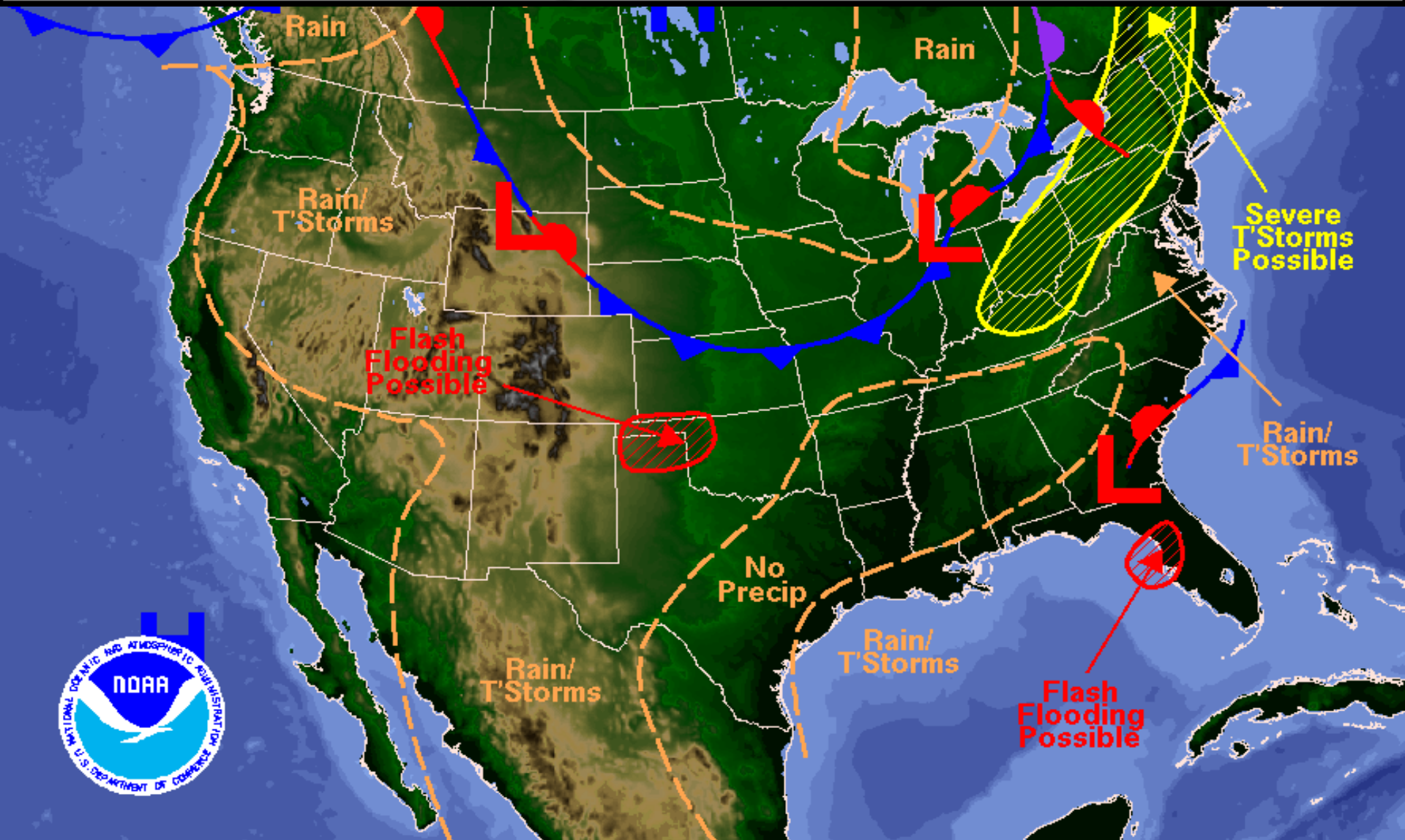


**Tropical cyclone formation is not expected the next 5 days**





# Today's Weather



Weather Forecast for Mon, Aug 03, 2015, issued 4:36 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

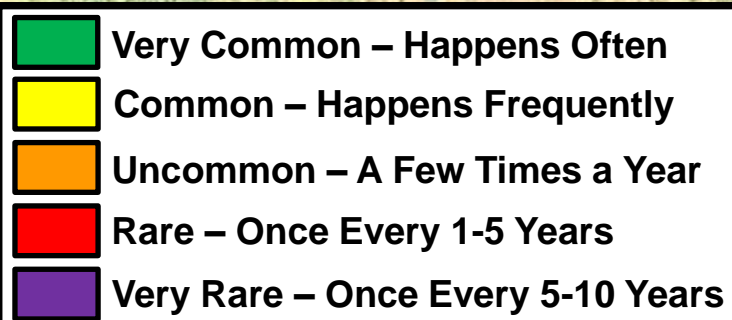


# Day 1 Weather Hazards

*Valid: 0800 Mon - 0800 Tue*



**Strong/severe  
thunderstorms**



*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

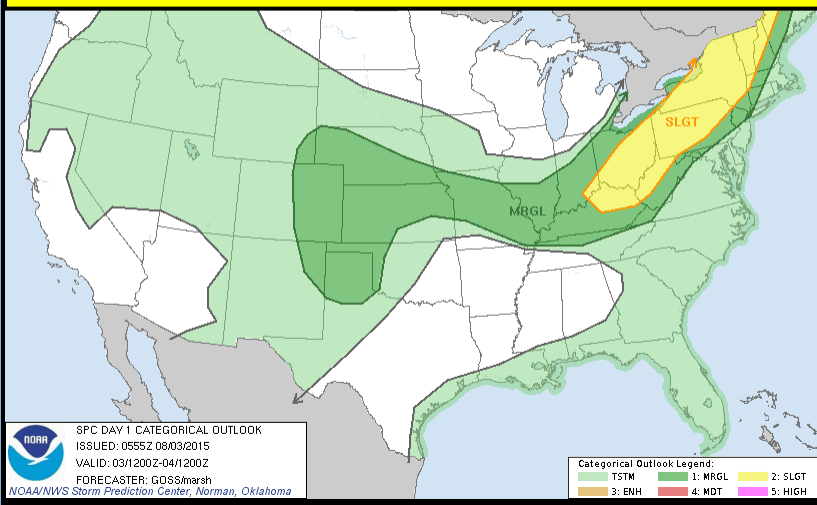


# Monday, August 03, 2015

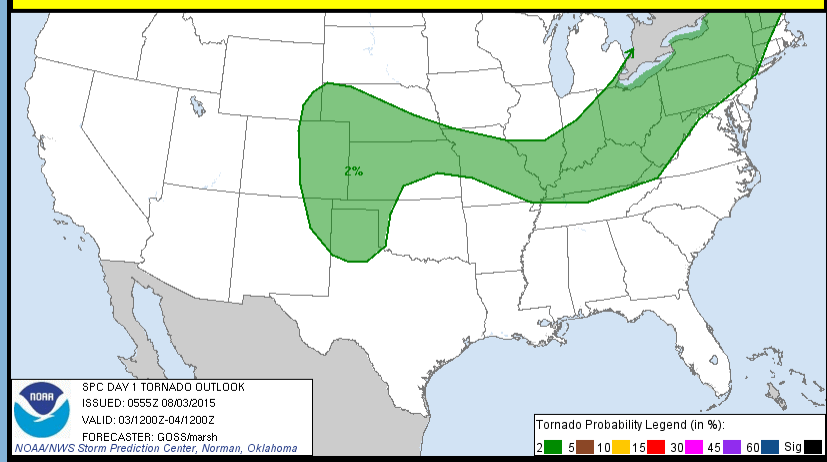
## Severe Thunderstorm Potential



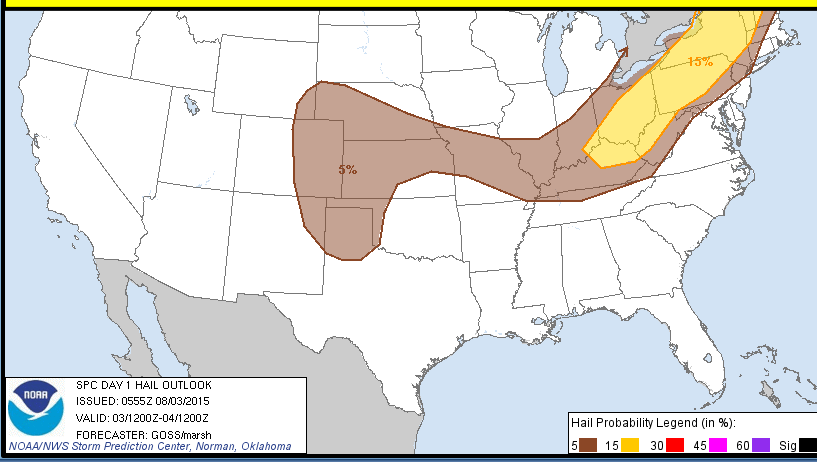
### Overall Threat Potential



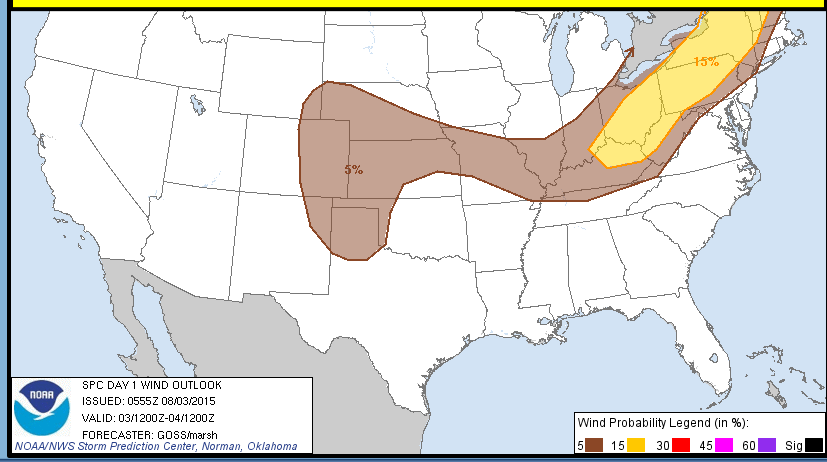
### Probability of Tornado within 25 miles of a point



### Probability of Damaging Hail within 25 miles of a point



### Probability of Damaging Winds within 25 miles of a point

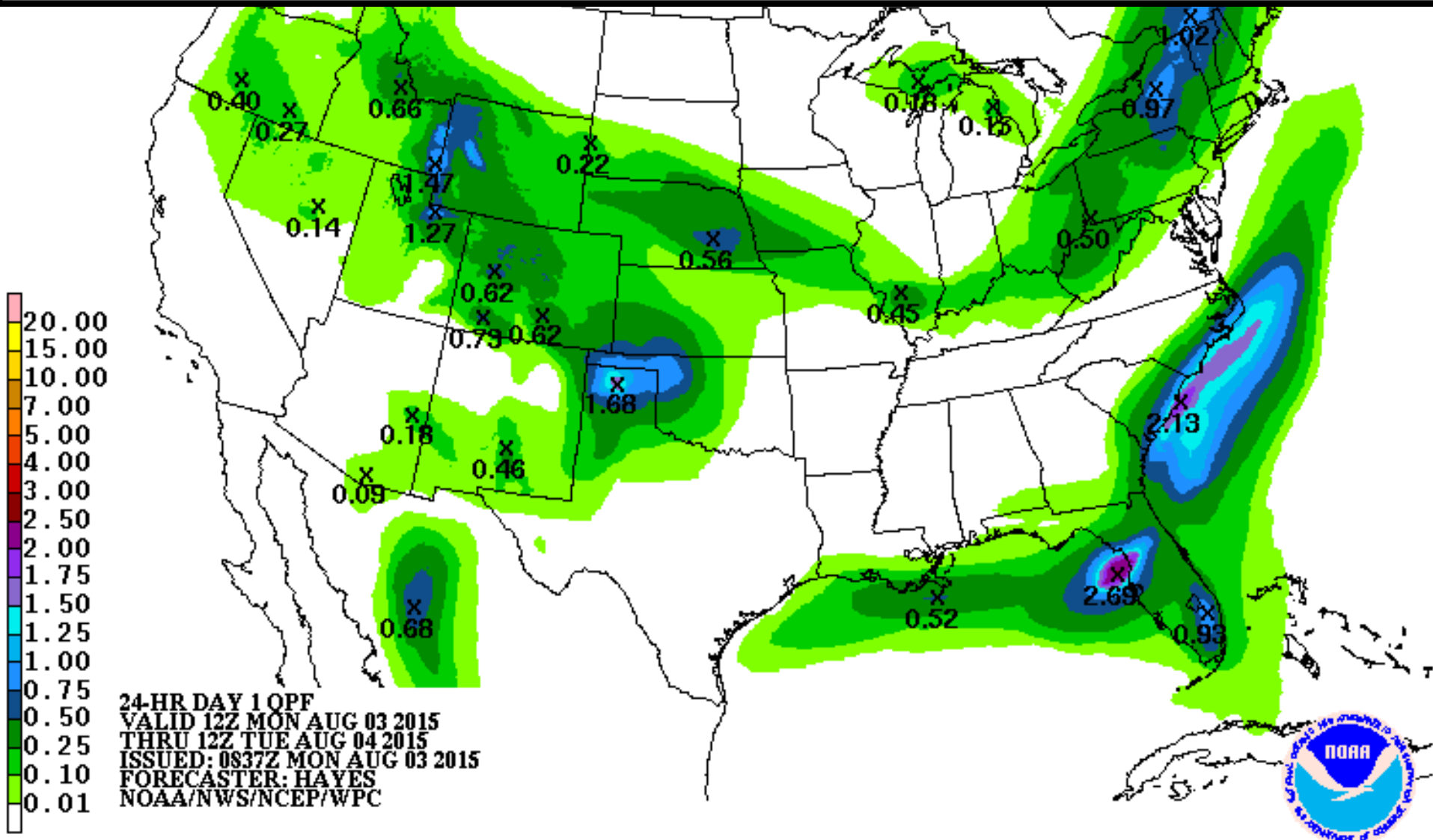


Building a Weather-Ready Nation

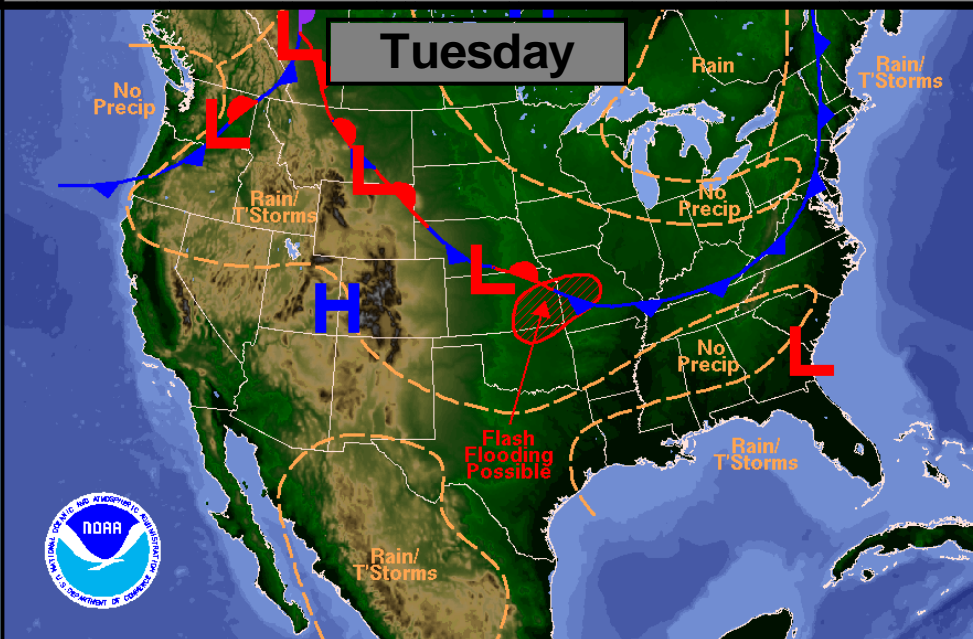


# Today's Precipitation

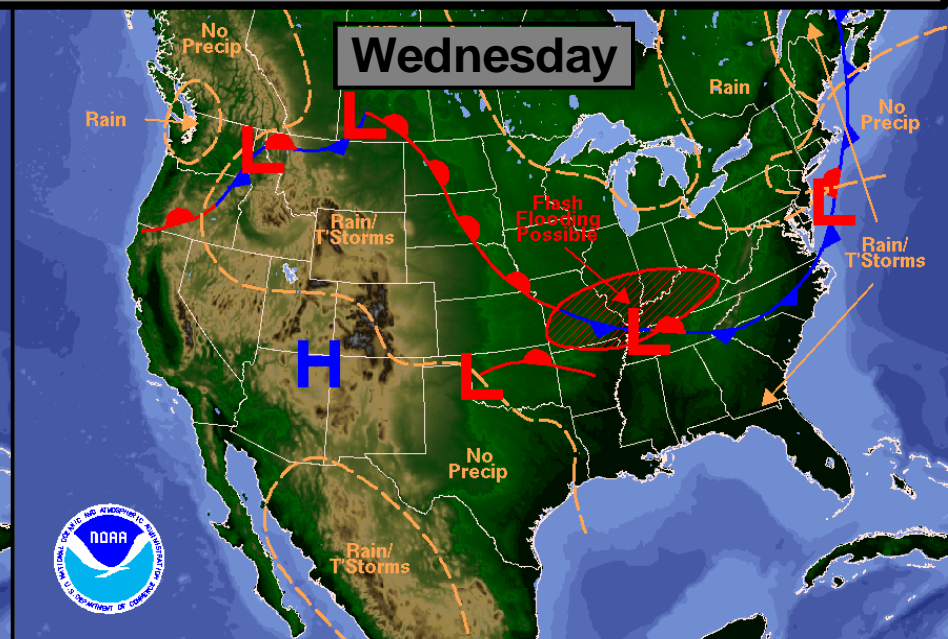
## Mon AM - Tue AM



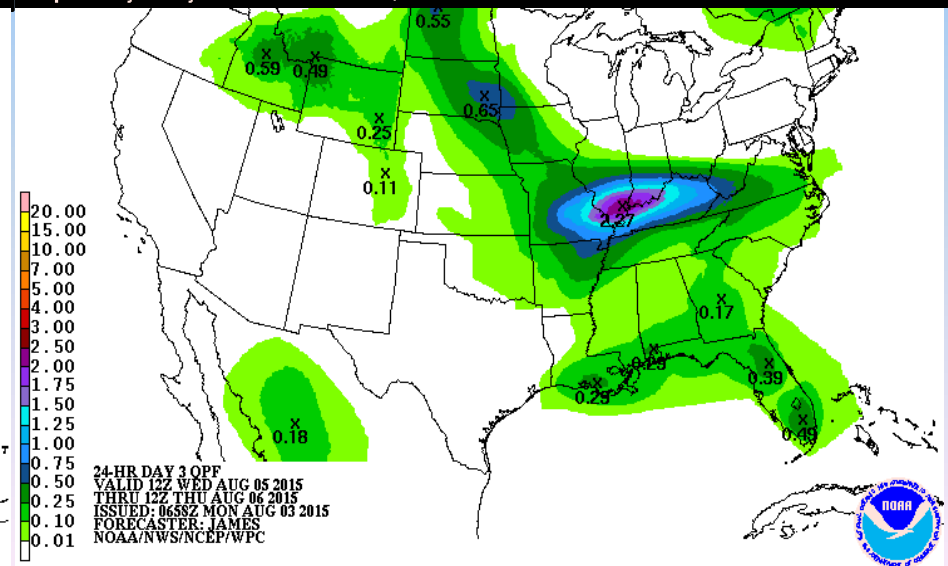
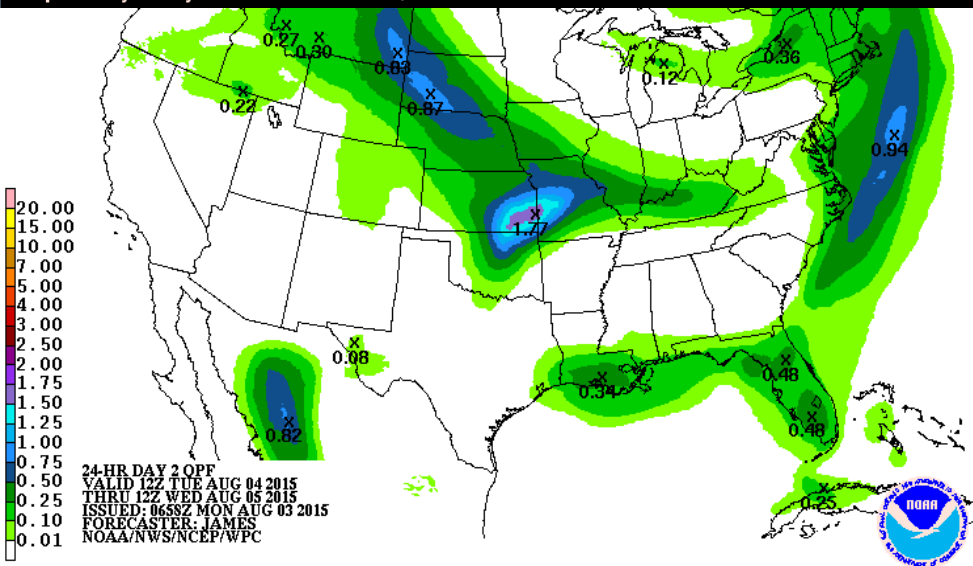
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Tue, Aug 04, 2015, issued 4:50 AM EDT Mon, Aug 03, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



Weather Forecast for Wed, Aug 05, 2015, issued 4:59 AM EDT Mon, Aug 03, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts





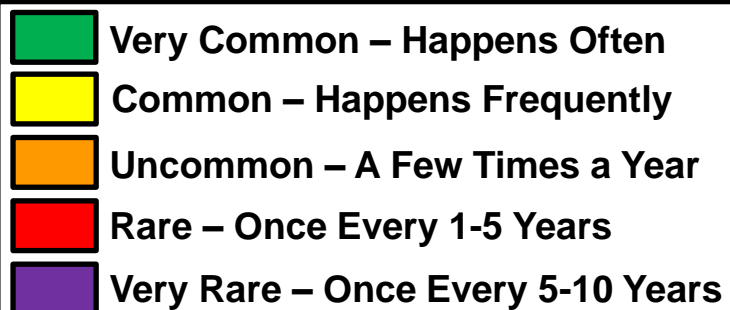
# Day 2-3 Weather Hazards

**Valid: 0800 Tue - 0800 Thu**



**Strong/severe  
thunderstorms**

**Excessive Heat returns  
for Eastern half of the  
Region by Wednesday**

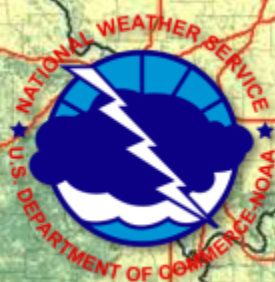


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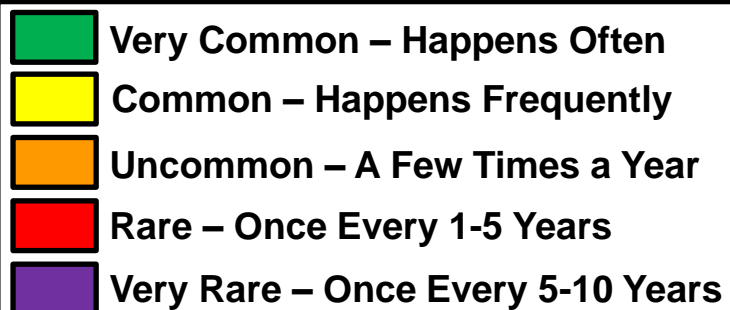
# Day 4-5 Weather Hazards

*Valid: 0800 Thu - 0800 Sat*



**Isolated Tstms  
with Flash  
Flooding  
possible Friday**

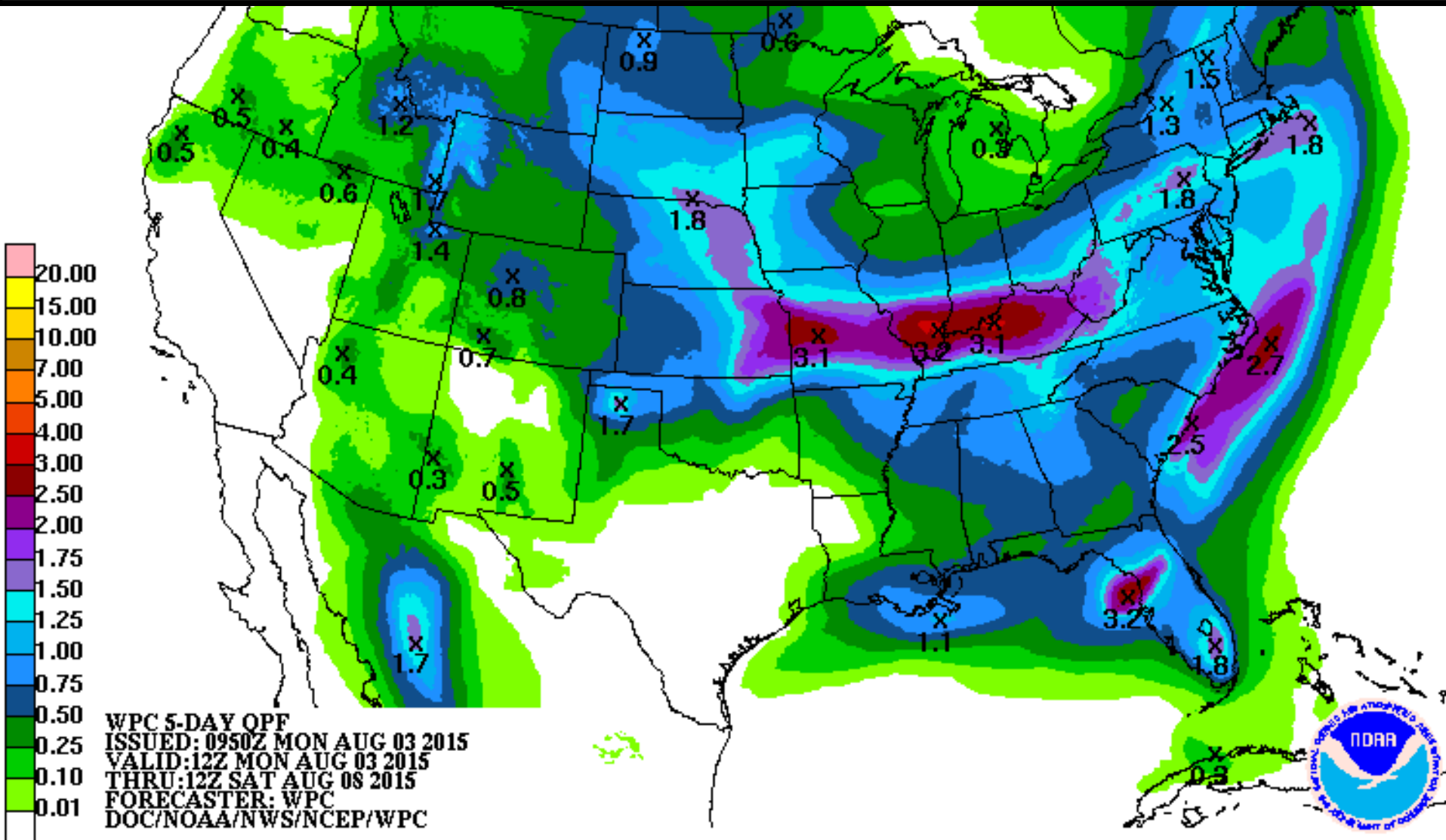
**Excessive Heat  
continues for Eastern  
half of the Region  
Thursday/Friday**



*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

# 5-Day Precipitation

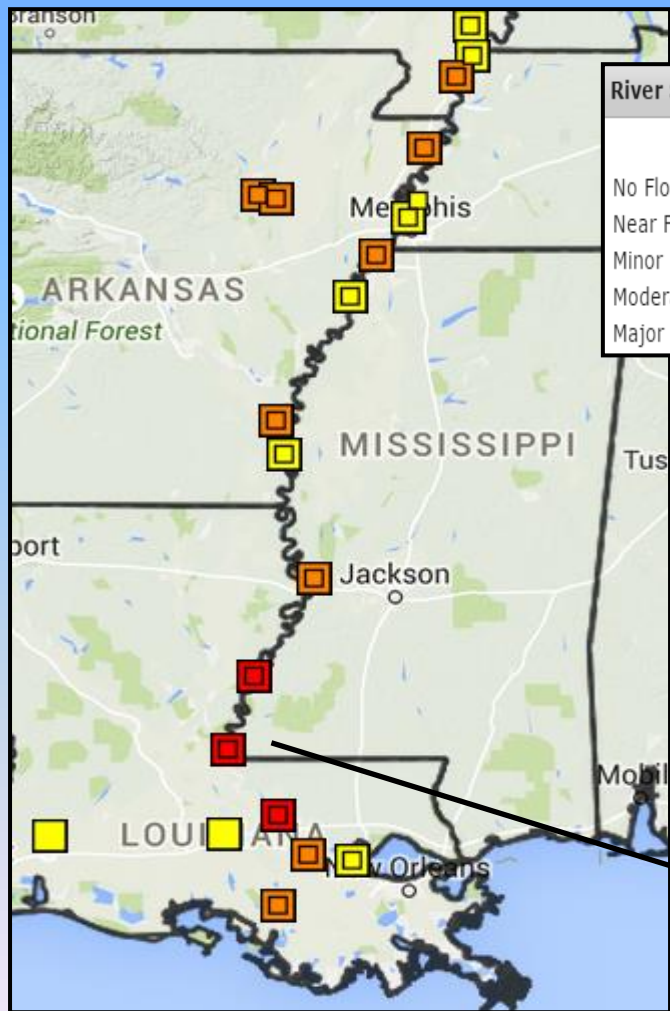
## Mon AM - Sat AM





# Mississippi River Flood Status

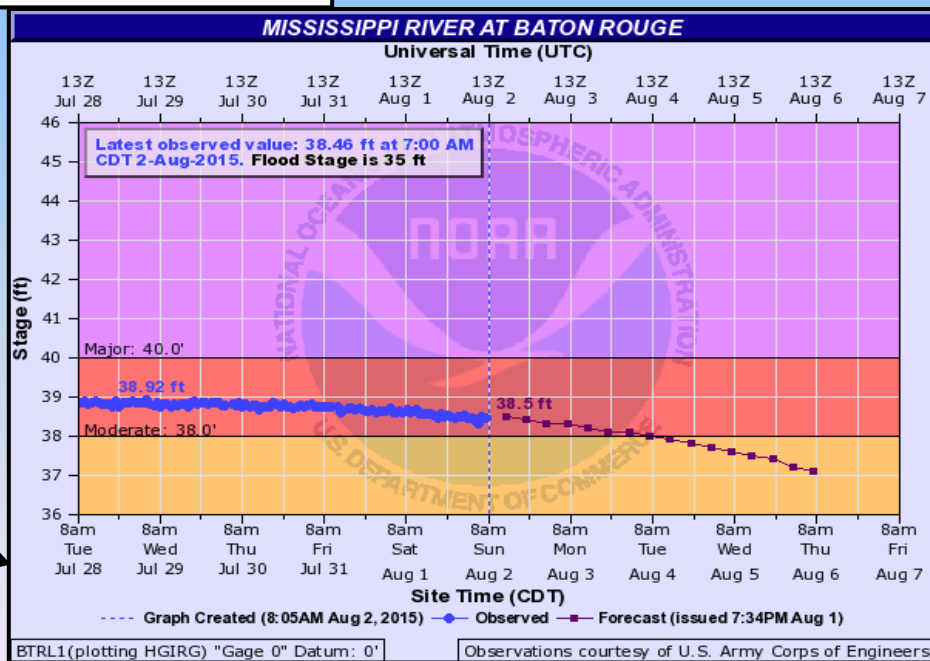
The Lower MS River is generally expected to remain in Minor Flood Stage, with a few points in Moderate Flood Stage.



River Status		
	Observed	Forecast
No Flooding	Green square	Green square
Near Flood Stage	Yellow square	Yellow square
Minor Flooding	Orange square	Orange square
Moderate Flooding	Red square	Red square
Major Flooding	Purple square	Purple square

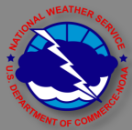
## Possible impacts in/around Baton Rouge:

River traffic and industrial activity on the river side of the levees will be affected. Navigational safety regulations will be strictly enforced.



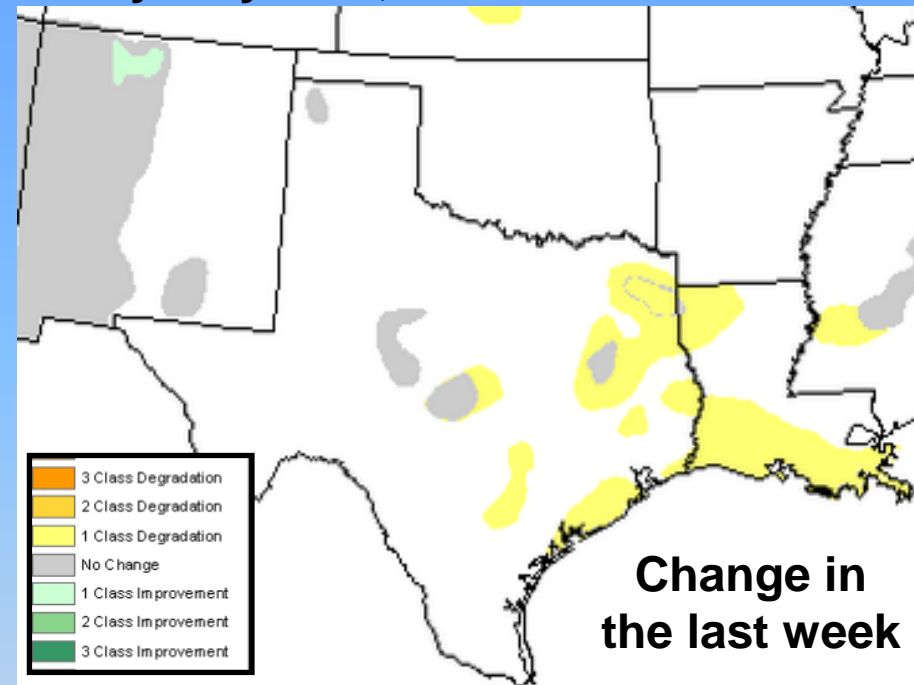
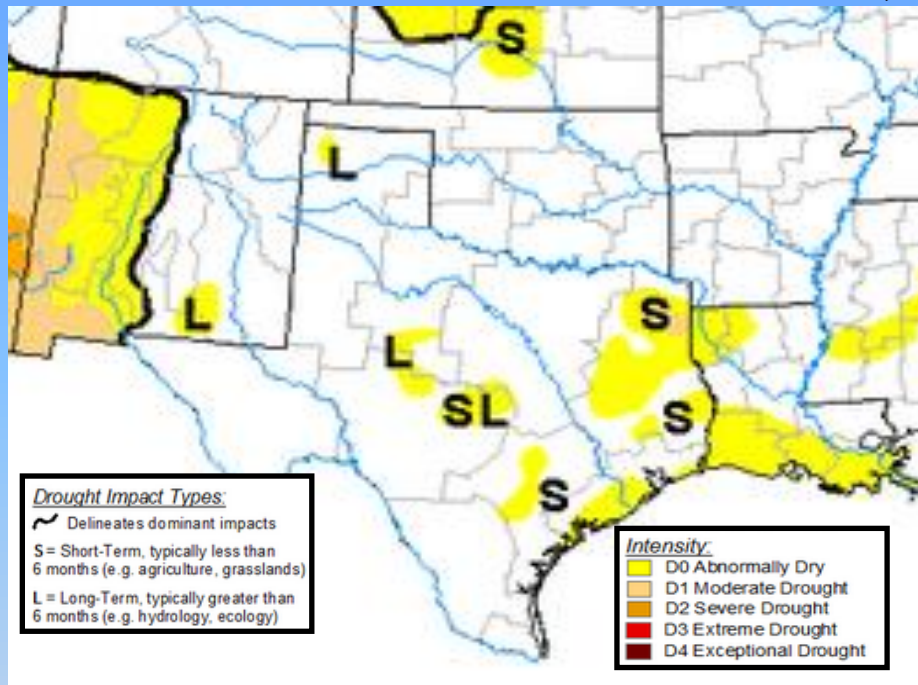
For latest river stages/forecasts, go to <http://www.srh.noaa.gov/rfcexp/main.php?fs=1>





# Drought Monitor Released July 30th, 2015

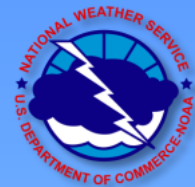
Data valid as of 7am CDT, Tuesday July 28th, 2015



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	24.34%	23.36%
Texas	0.00%	0.00%	5.57%	14.29%
New Mexico	0.00%	0.00%	0.00%	18.26%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

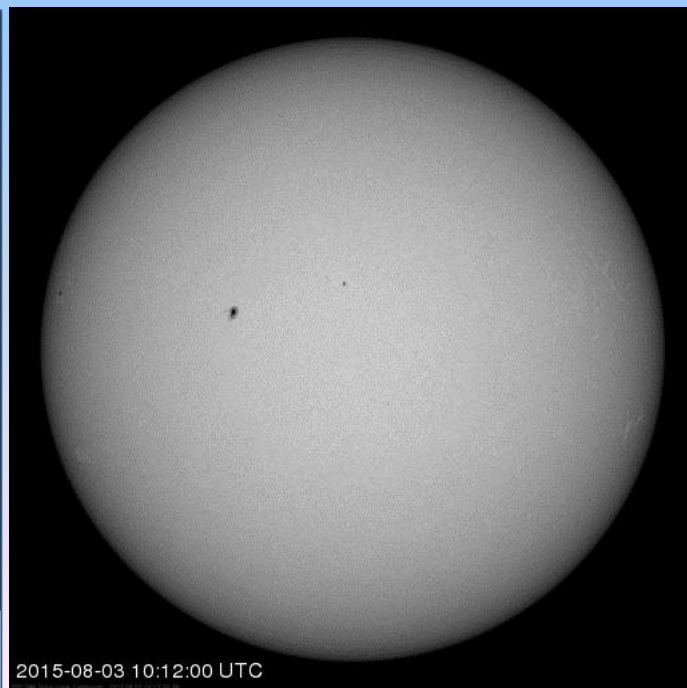
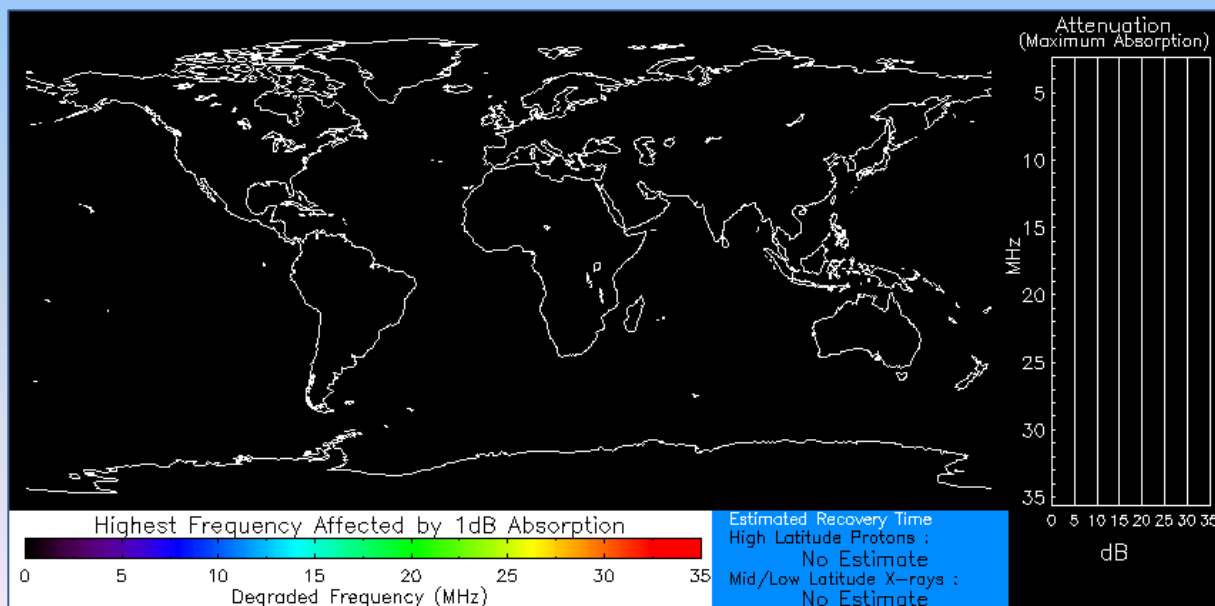
# Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled to Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-08-03 10:12:00 UTC

Normal X-ray Background  
Product Valid At : 2015-08-03 10:41 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

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